

=&gt; d his

(FILE 'HOME' ENTERED AT 09:24:52 ON 13 JAN 2004)  
SET COST OFF

FILE 'REGISTRY' ENTERED AT 09:25:23 ON 13 JAN 2004

```

      E TREM
L1      6 S E3()1
L2      1 S E3()1SV
L3      37 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MYELOID?(L)CELL
L4      2 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MONOCYT?
L5      39 S L1-L4
L6      19 S L5 AND PROTEIN/FS
L7      20 S L5 NOT L6
      E DAP
L8      19 S E6
L9      2 S E3()12

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FILE 'HCAPLUS' ENTERED AT 09:29:50 ON 13 JAN 2004

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L10     16 S L6
L11     22 S L7
      E TREM
L12     7 S E4
L13     14 S E3() (1 OR 1SV OR 1 SV)
L14     2 S E3(L)SPLICE(L)VARIANT
L15     2 S E3(L)SPLICE(L)VARI?
L16     0 S E3(L)SPLICE(L)VARY
L17     124 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MYELOID?(L)CELL
L18     298 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MONOCYT?
L19     417 S L10-L18
L20     1 S L19 AND L8,L9
L21     18 S L19 AND (?DAP12? OR DAP 12)
L22     40 S DNAX ACTIVATION PROTEIN 12
L23     14 S L19 AND L22
L24     18 S L20,L21,L23
      SEL DN AN 1 3 7 8 10 17
L25     6 S L24 AND E1-E18
L26     12 S L24 NOT L25
      E GINGRAS M/AU
L27     32 S E3,E5,E8,E9
      E MARGOLIN J/AU
L28     16 S E3,E5-E8
L29     2 S L27,L28 AND L19
L30     2 S L27,L28 AND ?TREM?
L31     2 S L27,L28 AND TRIGGER?(L)RECEPTOR
L32     2 S L29-L31
L33     12 S L32,L26
L34     6 S L33 AND ?INFLAM?
L35     4 S L33 AND (TRANSPLANT? OR BONE MARROW OR ?GVHD? OR GRAFT?(L)HOS
L36     1 S L33 AND REJECT?
L37     7 S L32,L34-L36
L38     5 S L33 NOT L37
L39     11 S L37,L38 AND ?TREM?
L40     12 S L37,L38,L39
      SEL HIT RN

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FILE 'REGISTRY' ENTERED AT 09:43:20 ON 13 JAN 2004

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L41     14 S E1-E14
L42     8 S L41 AND L6
L43     0 S L41 AND L8,L9
L44     6 S L41 AND L7

```

=&gt; fil hcaplus

- inflammatory responses)
- IT Cell degranulation  
(neutrophil; TREM receptor cDNA sequences of human and role of  
**TREM-1** in neutrophil and monocyte-mediated  
inflammatory responses)
- IT 137632-07-6, Kinase (phosphorylating), protein, ERK1 137632-08-7, Kinase  
(phosphorylating), protein, ERK2  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
(TREM receptor cDNA sequences of human and role of **TREM-1**  
in neutrophil and monocyte-mediated inflammatory responses in  
relation to)
- IT 212838-42-1  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological  
study, unclassified); PRP (Properties); BIOL (Biological study)  
(amino acid sequence; TREM receptor cDNA sequences of human and role of  
**TREM-1** in neutrophil and monocyte-mediated  
inflammatory responses)
- IT 212705-37-8  
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL  
(Biological study)  
(amino acid sequence; TREM receptor cDNA sequences of human and role of  
**TREM-1** in neutrophil and monocyte-mediated  
inflammatory responses)
- IT 265069-50-9, GenBank AF213457 266986-11-2, GenBank  
AF196329  
RL: BSU (Biological study, unclassified); PRP (Properties); BIOL  
(Biological study)  
(nucleotide sequence; TREM receptor cDNA sequences of human and role of  
**TREM-1** in neutrophil and monocyte-mediated  
inflammatory responses)
- IT 63551-76-8  
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL  
(Biological study); PROC (Process)  
( $\gamma$ ; TREM receptor cDNA sequences of human and role of  
**TREM-1** in neutrophil and monocyte-mediated  
inflammatory responses in relation to)

RE.CNT 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

- (1) Bakker, A; Proc Natl Acad Sci USA 1999, V96, P9792 HCAPLUS
- (2) Barclay, N; The Leukocyte Antigen Facts Book 2nd Ed 1997
- (3) Cantoni, C; J Exp Med 1999, V189, P787 HCAPLUS
- (4) Cella, M; J Exp Med 1997, V185, P1743 HCAPLUS
- (5) Dietrich, J; J Immunol 2000, V164, P9 HCAPLUS
- (6) Downey, G; Semin Cell Biol 1995, V6, P345 HCAPLUS
- (7) Kubagawa, H; J Exp Med 1999, V189, P309 HCAPLUS
- (8) Lanier, L; Annu Rev Immunol 1998, V16, P359 HCAPLUS
- (9) Nakajima, H; J Immunol 1999, V162, P5 HCAPLUS
- (10) Rosenberg, H; Fundamental Immunology 4th Ed 1999, P1051
- (11) Springer, T; Cell 1994, V76, P301 HCAPLUS
- (12) Traunecker, A; Trends Biotechnol 1991, V9, P109 HCAPLUS
- (13) Ulevitch, R; Curr Opin Immunol 1999, V11, P19 HCAPLUS
- (14) Yamashita, Y; J Immunol 1998, V161, P4042 HCAPLUS

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(FILE 'HOME' ENTERED AT 09:24:52 ON 13 JAN 2004)  
SET COST OFF

FILE 'REGISTRY' ENTERED AT 09:25:23 ON 13 JAN 2004

E TREM

L1

6 S E3()1

L2 1 S E3()1SV  
 L3 37 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MYELOID?(L)CELL  
 L4 2 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MONOCYT?  
 L5 39 S L1-L4  
 L6 19 S L5 AND PROTEIN/FS  
 L7 20 S L5 NOT L6  
 E DAP  
 L8 19 S E6  
 L9 2 S E3()12

FILE 'HCAPLUS' ENTERED AT 09:29:50 ON 13 JAN 2004

L10 16 S L6  
 L11 22 S L7  
 E TREM  
 L12 7 S E4  
 L13 14 S E3() (1 OR 1SV OR 1 SV)  
 L14 2 S E3(L)SPLICE(L)VARIANT  
 L15 2 S E3(L)SPLICE(L)VARI?  
 L16 0 S E3(L)SPLICE(L)VARY  
 L17 124 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MYELOID?(L)CELL  
 L18 298 S TRIGGER?(L)RECEPTOR(L)EXPRESS?(L)MONOCYT?  
 L19 417 S L10-L18  
 L20 1 S L19 AND L8,L9  
 L21 18 S L19 AND (?DAP12? OR DAP 12)  
 L22 40 S DNAX ACTIVATION PROTEIN 12  
 L23 14 S L19 AND L22  
 L24 18 S L20,L21,L23  
 SEL DN AN 1 3 7 8 10 17  
 L25 6 S L24 AND E1-E18  
 L26 12 S L24 NOT L25  
 E GINGRAS M/AU  
 L27 32 S E3,E5,E8,E9  
 E MARGOLIN J/AU  
 L28 16 S E3,E5-E8  
 L29 2 S L27,L28 AND L19  
 L30 2 S L27,L28 AND ?TREM?  
 L31 2 S L27,L28 AND TRIGGER?(L)RECEPTOR  
 L32 2 S L29-L31  
 L33 12 S L32,L26  
 L34 6 S L33 AND ?INFLAM?  
 L35 4 S L33 AND (TRANSPLANT? OR BONE MARROW OR ?GVHD? OR GRAFT?(L)HOS  
 L36 1 S L33 AND REJECT?  
 L37 7 S L32,L34-L36  
 L38 5 S L33 NOT L37  
 L39 11 S L37,L38 AND ?TREM?  
 L40 12 S L37,L38,L39  
 SEL HIT RN

FILE 'REGISTRY' ENTERED AT 09:43:20 ON 13 JAN 2004

L41 14 S E1-E14  
 L42 8 S L41 AND L6  
 L43 0 S L41 AND L8,L9  
 L44 6 S L41 AND L7

FILE 'HCAPLUS' ENTERED AT 09:44:42 ON 13 JAN 2004

FILE 'REGISTRY' ENTERED AT 09:44:55 ON 13 JAN 2004

FILE 'BIOSIS' ENTERED AT 09:45:45 ON 13 JAN 2004

E GRINGRAS M/AU  
 L45 11 S E3  
 E MARGOLIN J/AU  
 L46 33 S E3,E4,E8-E10

L47 2 S L45,L46 AND ?TREM?  
 L48 1 S L45,L46 AND ?TRIGGER?  
 L49 1 S L45,L46 AND ?DAP12?  
 L50 0 S L45,L46 AND ?DNAX?  
 L51 2 S L47-L49  
 L52 42 S L45,L46 NOT L51  
 L53 0 S L45 AND L46  
 E GINGRAS/AU  
 E GINGRAS M/AU  
 L54 29 S E3,E5  
 L55 21 S E9,E10  
 L56 7 S L45,L54,L55 AND L46  
 L57 3 S L45,L54,L55 AND (?TRIGGER? OR ?TREM? OR ?DAP12? OR ?DNAX?)  
 L58 1 S L56 AND L57  
 L59 1 S L51 NOT L57  
 L60 8 S L56,L57 NOT L51,L58-L59  
 SEL DN AN 7 L60  
 L61 1 S E1-E2  
 L62 2 S L59,L61 AND L45-L61

FILE 'BIOSIS' ENTERED AT 09:52:25 ON 13 JAN 2004

FILE 'WPIX' ENTERED AT 09:52:37 ON 13 JAN 2004

E TREM/BIX  
 E TREM/BI,ABEX  
 L63 21 S E3,E4,E5  
 L64 7 S (TRIGGER?(L)RECEPTOR?(L)EXPRESS?(L)?MYELO?)/BIX  
 L65 3 S (TRIGGER?(L)RECEPTOR?(L)EXPRESS?(L)?MONOCYT?)/BIX  
 L66 26 S L63-L65  
 E DAP  
 E DAP/BI,ABEX  
 L67 8 S E9,E10  
 L68 2 S DAP()12/BIX  
 L69 1 S L22/BIX  
 L70 33 S DNAX/BIX  
 L71 2 S L66 AND L67-L70  
 L72 9 S L66 AND (?INFLAM? OR TRANSPLANT? OR BONE MARROW OR ?GVHD? OR  
 L73 7 S L66 AND (B14-A01 OR C14-A01 OR B12-A01 OR C12-A01 OR B14-C09?  
 L74 5 S L66 AND A61K038/IC,ICM,ICS  
 L75 6 S L66 AND C07K/IC,ICM,ICS  
 L76 11 S L71-L75  
 SEL DN AN 5 7 8 9 10 11  
 L77 5 S L76 NOT E1-E14  
 E GINGRAS M/AU  
 L78 1 S L66 AND E3  
 E MARGOLIN J/AU  
 L79 1 S L66 AND E3,E4  
 L80 6 S L77-L79

FILE 'WPIX' ENTERED AT 10:10:24 ON 13 JAN 2004

FILE 'DPCI' ENTERED AT 10:10:42 ON 13 JAN 2004

E WO2002058721/PN  
 L81 1 S E3

FILE 'DPCI' ENTERED AT 10:11:12 ON 13 JAN 2004

FILE 'WPIX' ENTERED AT 10:11:36 ON 13 JAN 2004

L82 2 S (US6087331 OR WO9918126)/PN  
 L83 2 S L82 NOT L80

FILE 'WPIX' ENTERED AT 10:11:54 ON 13 JAN 2004

L84 FILE 'MEDLINE' ENTERED AT 10:12:03 ON 13 JAN 2004  
0 S BOUCHON ?/AU AND 2000/PY AND (164 AND 15 AND 4991)/SO

L85 FILE 'HCAPLUS' ENTERED AT 10:12:43 ON 13 JAN 2004  
0 S BOUCHON ?/AU AND 2000/PY AND (164 AND 15 AND 4991)/SO  
E J IMMUN/JT  
L86 2 S E7 AND BOUCHON ?/AU  
L87 1 S L86 AND L19

FILE 'HCAPLUS' ENTERED AT 10:13:40 ON 13 JAN 2004

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GenCore version 5.1.6  
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OM protein - protein search, using SW model

Run on: January 12, 2004, 17:40:15 ; Search time 21 Seconds  
(without alignments)  
302.220 Million cell updates/sec

Title: US-10-021-509-2

Perfect score: 795  
Sequence: 1 MKRRLMGLMLFVSELR.....LVTKRFRCSLTSRWLVDS 150

Scoring table:

BLOSUM62  
Gapop 10.0, Gapext 0.5

Searched: 328717 seqs, 42310858 residues

Total number of hits satisfying chosen parameters: 328717

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 45 summaries

Database:

Issued Patents AA:\*  
1: /cgn2\_6/prodata/1/1aa/5A\_COMB.pep:\*  
2: /cgn2\_6/prodata/1/1aa/5B\_COMB.pep:\*  
3: /cgn2\_6/prodata/1/1aa/5A\_COMB.pep:\*  
4: /cgn2\_6/prodata/1/1aa/5B\_COMB.pep:\*  
5: /cgn2\_6/prodata/1/1aa/5C\_COMB.pep:\*  
6: /cgn2\_6/prodata/1/1aa/5D\_COMB.pep:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	725	91.2	234	4	US-09-149-476-478 Sequence 478, App
2	725	91.2	234	4	US-09-702-705-1825 Sequence 1825, App
3	725	91.2	234	4	US-09-736-457-1825 Sequence 1825, App
4	95.5	12.0	352	2	US-09-996-243-505 Sequence 505, App
5	95.5	12.0	365	3	US-08-928-383B-2 Sequence 2, App
6	95.5	12.0	365	3	US-08-928-383B-2 Sequence 2, App
7	95.5	12.0	365	3	US-08-928-383B-2 Sequence 2, App
8	95.5	12.0	466	4	US-09-604-107A-8 Sequence 8, App
9	93.5	11.8	365	3	US-08-928-383B-23 Sequence 23, App
10	93.5	11.8	365	3	US-08-928-383B-23 Sequence 23, App
11	93.5	11.8	365	3	US-08-928-383B-23 Sequence 23, App
12	93	11.7	323	6	5260223-4 Sequence 26, App
13	92.5	11.6	393	1	US-08-429-742-2 Sequence 2, App
14	89.5	11.3	388	1	US-08-429-742-4 Sequence 4, App
15	87.5	11.0	323	4	US-09-651-200-21 Sequence 21, App
16	87.5	11.0	323	5	PCT-US94-09642-2 Sequence 2, App
17	87.5	11.0	329	2	US-08-456-104-2 Sequence 2, App
18	87.5	11.0	329	2	US-08-101-624-2 Sequence 2, App
19	87.5	11.0	329	2	US-08-101-624-2 Sequence 2, App
20	87.5	11.0	329	3	US-08-479-744A-2 Sequence 2, App
21	87.5	11.0	329	3	US-08-280-757B-2 Sequence 2, App
22	87.5	11.0	329	3	US-08-205-697A-3 Sequence 2, App
23	87.5	11.0	329	4	US-08-702-525-23 Sequence 23, App
24	87.5	11.0	329	4	US-08-403-253A-4 Sequence 4, App
25	87.5	11.0	329	4	US-09-667-135-32 Sequence 32, App
26	87.5	11.0	329	5	US-08-435-816A-4 Sequence 4, App
27	86	10.8	561	3	PCT-US95-02576-23 Sequence 23, App

28	86	10.8	561	4	US-09-173-151A-23 Sequence 23, App
29	85	10.7	253	4	US-09-310-463-36 Sequence 36, App
30	85	10.7	287	4	US-09-310-463-32 Sequence 32, App
31	84	10.6	110	3	US-08-479-744A-45 Sequence 45, App
32	84	10.6	110	3	US-08-280-757B-45 Sequence 45, App
33	82.5	10.4	458	6	5223394-7 Sequence 6, App
34	81.5	10.3	113	4	US-09-553-949-8 Sequence 8, App
35	81.5	10.3	771	3	US-08-434-000A-8 Sequence 8, App
36	81.5	10.3	771	3	US-09-312-157-8 Sequence 8, App
37	81	10.2	332	4	US-09-996-243-517 Sequence 517, App
38	79.5	10.0	757	3	US-08-434-000A-6 Sequence 6, App
39	79.5	10.0	757	4	US-09-312-157-6 Sequence 6, App
40	78.5	9.9	325	4	US-09-651-200-20 Sequence 20, App
41	78	9.8	234	2	US-07-690-192-2 Sequence 2, App
42	77.5	9.7	624	4	US-08-642-406A-22 Sequence 22, App
43	77.5	9.7	624	4	US-09-199-534-22 Sequence 22, App
44	77.5	9.7	624	4	US-09-199-534-22 Sequence 22, App
45	77.5	9.7	769	3	US-08-434-000A-10 Sequence 10, App

#### ALIGNMENTS

RESULT 1  
US-09-149-476-478  
Sequence 478, Application US/09149476  
Patent No. 6420526  
GENERAL INFORMATION:  
APPLICANT: Rosen et al.  
TITLE OF INVENTION: 166 Human Secreted proteins  
FILE REFERENCE: P2002P  
CURRENT APPLICATION NUMBER: US/09/149,476  
CURRENT FILING DATE: 1998-09-08  
EARLIER APPLICATION NUMBER: PCT/US98/04493  
EARLIER FILING DATE: 1998-03-06  
EARLIER APPLICATION NUMBER: 60/040,162  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,333  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/038,621  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,626  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,334  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,336  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/040,163  
EARLIER FILING DATE: 1997-03-07  
EARLIER APPLICATION NUMBER: 60/047,600  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,615  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,597  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,502  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,633  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,583  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,617  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,618  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,503  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,592  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,581  
EARLIER FILING DATE: 1997-05-23  
EARLIER APPLICATION NUMBER: 60/047,584  
EARLIER FILING DATE: 1997-05-23

Db 121 EPHMLFDRIRLVVTKGFRCSLTSFSMWLVD 150

## RESULT 2

US-10-414-378-22  
Sequence 22, Application US/10414378  
Publication No. US20030165981A1  
GENERAL INFORMATION:  
APPLICANT: FUKUSHIMA, DAIRICHI  
APPLICANT: SHIBAYAMA, SHIRO  
APPLICANT: TADA, HIDEAKI  
TITLE OF INVENTION: POLYPEPTIDE, CDNA ENCODING THE POLYPEPTIDE, AND USE OF  
FILE REFERENCE: Q58769  
CURRENT APPLICATION NUMBER: US/10/414,378  
CURRENT FILING DATE: 2003-04-16  
PRIOR APPLICATION NUMBER: US/09/529,063  
PRIOR FILING DATE: 2000-04-07  
PRIOR APPLICATION NUMBER: PCT/JP98/04514  
PRIOR FILING DATE: 1998-10-06  
PRIOR APPLICATION NUMBER: JP 9-274674  
PRIOR FILING DATE: 1997-10-07  
NUMBER OF SEQ ID NOS: 117  
SOFTWARE: Patent In Ver. 2.1  
SEQ ID NO 22  
LENGTH: 150  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-414-378-22

Query Match 100.0%; Score 795; DB 12; Length 150;  
Best Local Similarity 100.0%; Pred. No. 5,9e-78;  
Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLKEGGTLDVPCDYTLTEKFASSQKAWQIIRD 60  
Db 1 MKRTLMGLMMLFVSELRATKLTTEKYLKEGGTLDVPCDYTLTEKFASSQKAWQIIRD 60  
QY 61 GEMPTLACTERSKNSHPVOVGRILLEDYHGHGLRVMVNLQVEDSGLYQCVIYQPPK 120  
Db 61 GEMPTLACTERSKNSHPVOVGRILLEDYHGHGLRVMVNLQVEDSGLYQCVIYQPPK 120  
QY 121 EPHMLFDRIRLVVTKGFRCSLTSFSMWLVD 150  
Db 121 EPHMLFDRIRLVVTKGFRCSLTSFSMWLVD 150

## RESULT 3

US-10-021-509-2  
Sequence 2, Application US/10021509  
Publication No. US20020128444A1  
GENERAL INFORMATION:  
APPLICANT: MARGOLIN, JUDITH F.  
APPLICANT: GINGRAS, MARIE-CLAUDE  
TITLE OF INVENTION: TREM-1 SPLICED VARIANT FOR USE IN MODIFYING IMMUNE RESPONSES  
FILE REFERENCE: P02046US1/10023489/OTA#01-07  
CURRENT APPLICATION NUMBER: US/10/021,509  
CURRENT FILING DATE: 2001-12-07  
PRIOR APPLICATION NUMBER: 60/254,404  
PRIOR FILING DATE: 2000-12-07  
NUMBER OF SEQ ID NOS: 28  
SOFTWARE: Patent In version 3.1  
SEQ ID NO 2  
LENGTH: 150  
TYPE: PRT  
ORGANISM: HUMAN  
US-10-021-509-2

Query Match 100.0%; Score 795; DB 14; Length 150;  
Best Local Similarity 100.0%; Pred. No. 5,9e-78;  
Matches 150; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLKEGGTLDVPCDYTLTEKFASSQKAWQIIRD 60  
Db 1 MKRTLMGLMMLFVSELRATKLTTEKYLKEGGTLDVPCDYTLTEKFASSQKAWQIIRD 60  
QY 61 GEMPTLACTERSKNSHPVOVGRILLEDYHGHGLRVMVNLQVEDSGLYQCVIYQPPK 120  
Db 61 GEMPTLACTERSKNSHPVOVGRILLEDYHGHGLRVMVNLQVEDSGLYQCVIYQPPK 120  
QY 121 EPHMLFDRIRLVVTKGFRCSLTSFSMWLVD 150  
Db 121 EPHMLFDRIRLVVTKGFRCSLTSFSMWLVD 150

## RESULT 4

US-09-809-391-759  
Sequence 759, Application US/09809391  
Publication No. US20030049618A1  
GENERAL INFORMATION:  
APPLICANT: Ruben et al.  
TITLE OF INVENTION: 186 Human Secreted proteins  
FILE REFERENCE: P2002P2  
CURRENT APPLICATION NUMBER: US/09/809,391  
CURRENT FILING DATE: 2001-03-16  
Prior application data removed - consult PALM or file wrapper  
NUMBER OF SEQ ID NOS: 761  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 759  
LENGTH: 198  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-809-391-759

Query Match 91.2%; Score 725; DB 11; Length 198;  
Best Local Similarity 100.0%; Pred. No. 3,1e-70;  
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYLKEGGTLDVPCDYTLTEKFASSQKAWQIIRD 60  
Db 1 MKRTLMGLMMLFVSELRATKLTTEKYLKEGGTLDVPCDYTLTEKFASSQKAWQIIRD 60  
QY 61 GEMPTLACTERSKNSHPVOVGRILLEDYHGHGLRVMVNLQVEDSGLYQCVIYQPPK 120  
Db 61 GEMPTLACTERSKNSHPVOVGRILLEDYHGHGLRVMVNLQVEDSGLYQCVIYQPPK 120  
QY 121 EPHMLFDRIRLVVTKGFRCSLTSFSMWLVD 137  
Db 121 EPHMLFDRIRLVVTKGFRCSLTSFSMWLVD 137

## RESULT 5

US-09-882-171-759  
Sequence 759, Application US/09882171  
Publication No. US20030175858A1  
GENERAL INFORMATION:  
APPLICANT: Ruben et al.  
TITLE OF INVENTION: 186 Human Secreted proteins  
FILE REFERENCE: P2002P2  
CURRENT APPLICATION NUMBER: US/09/882,171  
CURRENT FILING DATE: 2001-06-18  
PRIOR APPLICATION NUMBER: 09/809,391  
PRIOR FILING DATE: 2001-03-16  
PRIOR APPLICATION NUMBER: 09/149,476  
PRIOR FILING DATE: 1998-09-08  
PRIOR APPLICATION NUMBER: PCT/US98/04493  
PRIOR FILING DATE: 1998-03-06  
PRIOR APPLICATION NUMBER: 60/040,162  
PRIOR FILING DATE: 1997-03-07  
PRIOR APPLICATION NUMBER: 60/040,333  
PRIOR FILING DATE: 1997-03-07  
PRIOR APPLICATION NUMBER: 60/038,621  
PRIOR FILING DATE: 1997-03-07  
PRIOR APPLICATION NUMBER: 60/040,626  
PRIOR FILING DATE: 1997-03-07

EARLIER APPLICATION NUMBER: 60/057,669  
EARLIER FILING DATE: 1997-09-05  
EARLIER APPLICATION NUMBER: 60/049,610  
EARLIER FILING DATE: 1997-06-13  
EARLIER APPLICATION NUMBER: 60/061,060  
EARLIER FILING DATE: 1997-10-02

Query Match 91.2%; Score 725; DB 4; Length 234;  
Best Local Similarity 100.0%; Pred. No. 8,2e-77;  
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKGGTLDVRCQDTLEKFASSQKAWQIIRD 60  
DB 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKGGTLDVRCQDTLEKFASSQKAWQIIRD 60  
QY 61 GEMPKTLACTERPSKNSHPVOVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120  
DB 61 GEMPKTLACTERPSKNSHPVOVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120  
QY 121 EPHMLFDRIRLVVTKGF 137  
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 2  
US-09-702-705-1825  
Sequence 1825, Application US/09702705  
Patent No. 6504010  
GENERAL INFORMATION:  
APPLICANT: Wang, Tongtong  
APPLICANT: Bangur, Chaltanya S.  
APPLICANT: Lodges, Michael A.  
APPLICANT: Fanger, Gary  
APPLICANT: Vedrick, Tom  
APPLICANT: Carter, Darick  
APPLICANT: Retter, Marc  
APPLICANT: Mannion, Jane  
APPLICANT: Fan, Liqun  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER  
FILE REFERENCE: 210121.478C14  
CURRENT APPLICATION NUMBER: US/09/702,705  
CURRENT FILING DATE: 2000-10-30  
NUMBER OF SEQ ID NOS: 1833  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 1825  
LENGTH: 234  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-702-705-1825

Query Match 91.2%; Score 725; DB 4; Length 234;  
Best Local Similarity 100.0%; Pred. No. 8,2e-77;  
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKGGTLDVRCQDTLEKFASSQKAWQIIRD 60  
DB 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKGGTLDVRCQDTLEKFASSQKAWQIIRD 60  
QY 61 GEMPKTLACTERPSKNSHPVOVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120  
DB 61 GEMPKTLACTERPSKNSHPVOVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120  
QY 121 EPHMLFDRIRLVVTKGF 137  
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 3  
US-09-736-457-1825  
Sequence 1825, Application US/09736457  
Patent No. 6509448  
GENERAL INFORMATION:

APPLICANT: Wang, Tongtong  
APPLICANT: Bangur, Chaltanya S.  
APPLICANT: Lodges, Michael A.  
APPLICANT: Fanger, Gary  
APPLICANT: Vedrick, Tom  
APPLICANT: Carter, Darick  
APPLICANT: Retter, Marc  
APPLICANT: Mannion, Jane  
APPLICANT: Fan, Liqun  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
TITLE OF INVENTION: DIAGNOSIS OF LUNG CANCER  
FILE REFERENCE: 210121.478C15  
CURRENT APPLICATION NUMBER: US/09/736,457  
CURRENT FILING DATE: 2000-12-13  
NUMBER OF SEQ ID NOS: 1864  
SOFTWARE: FastSeq for Windows Version 3.0  
SEQ ID NO 1825  
LENGTH: 234  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-736-457-1825

Query Match 91.2%; Score 725; DB 4; Length 234;  
Best Local Similarity 100.0%; Pred. No. 8,2e-77;  
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKGGTLDVRCQDTLEKFASSQKAWQIIRD 60  
DB 1 MKRTLMGLMMLFVSELRATKLTTEKYELEKGGTLDVRCQDTLEKFASSQKAWQIIRD 60  
QY 61 GEMPKTLACTERPSKNSHPVOVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120  
DB 61 GEMPKTLACTERPSKNSHPVOVGRITLEDYHDHGLLRVMVNLQVEDSGLYQCVIYQPPK 120  
QY 121 EPHMLFDRIRLVVTKGF 137  
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 4  
US-09-996-243-505  
Sequence 505, Application US/09996243  
Patent No. 6478825  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi J.  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan L.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerilsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Kijavrin, Ivar J.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2730P1C13  
CURRENT APPLICATION NUMBER: US/09/996,243



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OR APPLICATION NUMBER: 60/043,576  
OR FILING DATE: 1997-04-11  
OR APPLICATION NUMBER: 60/047,501  
OR FILING DATE: 1997-05-23  
OR APPLICATION NUMBER: 60/043,670  
OR FILING DATE: 1997-04-11  
OR APPLICATION NUMBER: 60/056,632  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/056,664  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/056,876  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/056,881  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/056,909  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/056,875  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/056,862  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/056,887  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/056,908  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/048,964  
OR FILING DATE: 1997-06-06  
OR APPLICATION NUMBER: 60/057,650  
OR FILING DATE: 1997-09-05  
OR APPLICATION NUMBER: 60/056,884  
OR FILING DATE: 1997-08-22  
OR APPLICATION NUMBER: 60/057,669  
OR FILING DATE: 1997-09-05

Very Match 91.2%; Score 725; DB 12; Length 198;  
Best Local Similarity 100.0%; Pred. No. 3, 1e-70;  
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MKRTLMGILMMLFVSELRATKLTTEKYEKGGTLDVCKDYTLERKFASSQKAWOIIIRD 60  
1 MKRTLMGILMMLFVSELRATKLTTEKYEKGGTLDVCKDYTLERKFASSQKAWOIIIRD 60  
61 GEMPTLACTERPSSKSHPVQVGRILIEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120  
61 GEMPTLACTERPSSKSHPVQVGRILIEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120  
121 EPHMLFDRIRLVVTKGF 137  
121 EPHMLFDRIRLVVTKGF 137

SUBT 6  
-09-736-457-1825  
Sequence 1825, Application US/09736457  
Patent No. US2002016837A1  
GENERAL INFORMATION:  
APPLICANT: Wang, Tonglong  
APPLICANT: Bangur, Chaitanya S.  
APPLICANT: Lodges, Michael A.  
APPLICANT: Ranger, Gary  
APPLICANT: Vedavick, Tom  
APPLICANT: Carter, Darick  
APPLICANT: Retter, Marc  
APPLICANT: Mannion, Jane  
APPLICANT: Fan, Liqun  
APPLICANT: Wang, Aijun  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
FILE REFERENCE: 210121.478C15  
CURRENT APPLICATION NUMBER: US/09/736,457  
CURRENT FILING DATE: 2000-12-13  
NUMBER OF SEQ ID NOS: 1964  
SOFTWARE: RastSeq for Windows Version 3.0  
NO 1825

LENGTH: 234  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-736-457-1825

Query Match 91.2%; Score 725; DB 10; Length 234;  
Best Local Similarity 100.0%; Pred. No. 3, 9e-70;  
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGILMMLFVSELRATKLTTEKYEKGGTLDVCKDYTLERKFASSQKAWOIIIRD 60  
DB 1 MKRTLMGILMMLFVSELRATKLTTEKYEKGGTLDVCKDYTLERKFASSQKAWOIIIRD 60  
QY 61 GEMPTLACTERPSSKSHPVQVGRILIEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120  
DB 61 GEMPTLACTERPSSKSHPVQVGRILIEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120  
QY 121 EPHMLFDRIRLVVTKGF 137  
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 7  
US-09-902-941-1825  
Sequence 1825, Application US/09902941  
Patent No. US20020172952A1  
GENERAL INFORMATION:  
APPLICANT: Henderson, Robert A.  
APPLICANT: Wang, Tonglong  
APPLICANT: Watanabe, Yoshihiro  
APPLICANT: Johnson, Jeffrey C.  
APPLICANT: Retter, Marc W.  
APPLICANT: Watanabe, Margarita  
APPLICANT: Carter, Darick  
APPLICANT: Bangur, Gary R.  
APPLICANT: Vedavick, Thomas S.  
APPLICANT: Bangur, Chaitanya S.  
APPLICANT: McNabb, Andria  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
FILE REFERENCE: 210121.478C17  
CURRENT APPLICATION NUMBER: US/09/902,941  
CURRENT FILING DATE: 2001-07-10  
NUMBER OF SEQ ID NOS: 2002  
SOFTWARE: RastSeq for Windows Version 4.0  
SEQ ID NO 1825  
LENGTH: 234  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-902-941-1825

Query Match 91.2%; Score 725; DB 10; Length 234;  
Best Local Similarity 100.0%; Pred. No. 3, 9e-70;  
Matches 137; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MKRTLMGILMMLFVSELRATKLTTEKYEKGGTLDVCKDYTLERKFASSQKAWOIIIRD 60  
DB 1 MKRTLMGILMMLFVSELRATKLTTEKYEKGGTLDVCKDYTLERKFASSQKAWOIIIRD 60  
QY 61 GEMPTLACTERPSSKSHPVQVGRILIEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120  
DB 61 GEMPTLACTERPSSKSHPVQVGRILIEDYHDHGLLRVMNVLQVEDSGLYQCVIYQPPK 120  
QY 121 EPHMLFDRIRLVVTKGF 137  
DB 121 EPHMLFDRIRLVVTKGF 137

RESULT 8  
US-09-849-626-1825  
Sequence 1825, Application US/09849626  
Patent No. US2002019769A1  
GENERAL INFORMATION: